



PRODUCT DESCRIPTION:

Portable vacuum systems

This unit was developed for applications in the construction industry and wherever a practical and easily portable buffer receiver is needed, with which to power suction cups or fastening equipment. The unit comprises a tank and a 4 m³/h lubricated vacuum pump. Devices are connected by means of a ball valve to which is also connected a vacuum gauge, which constantly shows the level of pressure inside the tank. Standard equipment includes the start/stop switch, power cable, and receiver drainage cap.



Vacuum systems with liquid separator.

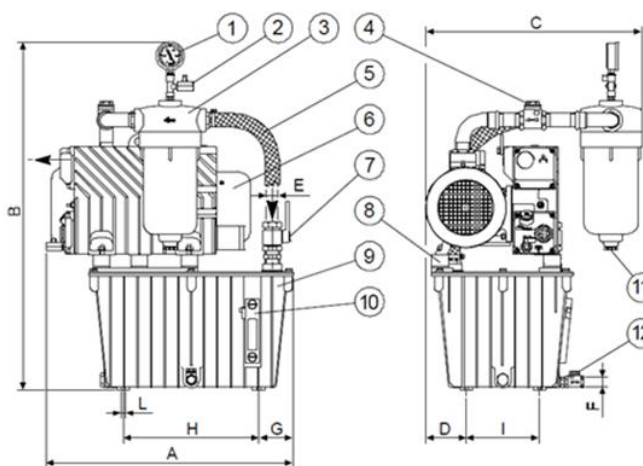
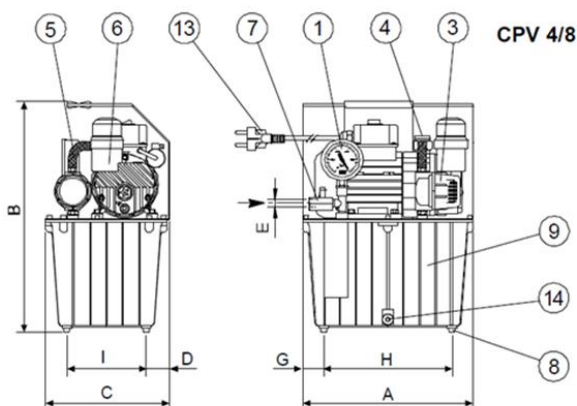
These units have been designed and built for use on glass and marble machinery, and on machines in which it is possible to intake non-aggressive liquids (normally cutting fluids). These are complete, compact units and are normally connected to the user machine by a hose. A ball valve at the tank inlet allows it to be cut off from the system for maintenance operations. Air and liquid are first separated inside the tank by means of an internal "cyclone" device, while a level indicator with float is located outside to allow the operator to visually check the amount of liquid contained; the indicator has a sensor to emit an electrical signal when the tank is full, and an automatic valve to drain the accumulated liquid. The air in the tank, with no droplets but still damp, passes through the condensation separator filter, on which a vacuum gauge is mounted to check unit operation, and a ball valve for the air return (necessary to drain the water collected in the receiver). The filter is connected to the pump through a pipe with a built-in auxiliary non-return valve. The pumps used in these groups belong to the WR series, which has a built-in high-efficiency "gas ballast" device, which allows you to separate the remaining condensation from the oil and expel it with the pump stopped.

Subject to change without prior notice

	CPV 4/8		CPV 12/25		CPV 25/25		CPV 40/25		CPV 60/25		
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
Catalogue code	9303053 *		9304008 *		9304009 **		9304010 **		9304011 **		
Pump type	LC 4		LC 12		LC 25WR		LC 40WR		LC 60WR		
Tank capacity	dm ³ 8		25								
Nominal capacity	m ³ /h 4 4,4		12	14	25	29	40	48	60	75	
Total final pressure (Abs)	mbar - hPa 2		5								
Motor power	kW 0,12 0,15		0,45	0,54	0,75	0,90	1,1	1,35	1,5	1,8	
Weight	Kg [N] 11 [107,9]		37 [362,9]		55 [539,5]		71 [696,5]		72 [706,3]		

(*) Power supply 1~ (**) Power supply 3~

Vacuum gauge	1
Relief valve	2
Filter	3
Non-return valve	4
Reinforced PVC hose	5
Vacuum pump	6
Plant connection valve	7
Shock mounts	8
Tank	9
Liquid level gauge	10
Condensate drain valve	11
Automatic liquid drain valve	12
Power cable	13
Tank drain knob	14



CPV 12/25 (***)
 CPV 25/25 (***)
 CPV 40/25 (***)
 CPV 60/25 (***)

(***) Disponibile con gruppo accessorio per scarico automatico della condensa cod. 9021002
 (***) The pump may be equipped with the automatic condensation drainage unit code 9021002

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Dimensions	A	B	C	D	E	F	G	H	I	L
CPV 4/8	280	371	204	39	1/4"G	----	35	210	130	----
CPV 12/25	500	555	400	82	1"G	1/2"G	82	326	176	4 x M10
CPV 25/25	526	703	437	82	1"G	1/2"G	82	326	176	4 x M10
CPV 40/25	595	831	520	98	1"G	1/2"G	82	326	176	4 x M10
CPV 60/25	595	841	520	98	1"G	1/2"G	82	326	176	4 x M10